

**Step 1**

DNA polymerase  
Dye-labeled dATP

Flow

ATG

Immoblilized target DNA

Single molecule detection

...ATG? → ...ATGT

**Step 2**

DNA polymerase  
Dye-labeled dATP

Flow

ATG

Immoblilized target DNA

Single molecule detection and  
Single molecule quantitative analysis

APPROVED	OG FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

FIG.2

